Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the present application:

Listing of Claims:

1.– 38. (canceled).

39.   (currently amended) A method for updating system software in a wireless communications device, the method comprising:

copying a patch manager code section stored in a nonvolatile memory to a volatile memory;

receiving a broadcasted system software update comprising an update code section and an update patch manager;

storing the system software update on a file system section of the nonvolatile memory;

~~updating~~ overwriting at least a portion of a code section of a plurality of code sections stored in a code storage section of the nonvolatile memory with the update code section, each code section of the plurality of code sections comprising at least one symbol library, having a plurality of symbols of related functionality;

updating at least a portion of a patch manager code section of the nonvolatile memory with at least a portion of the update patch manager, comprising;

updating a code section address table of the patch manager code section which

stores a code section identifier and a start address for each code section

of the plurality of code sections;

updating a symbol offset address table which stores an offset reference for each

symbol of the plurality of symbols in the at least one symbol library of the

each code section, the offset reference comprising an offset value derived

from the start address of the each code section.

40.   (previously presented) The method of claim 39 further comprising

executing the system software update from the nonvolatile memory, loading the system

software update from the patch manager code section and the code storage section

within the nonvolatile memory module to a volatile memory component and performing

at least one requested action.

41.   (previously presented) The method of claim 39, wherein each symbol of

the plurality of symbols is associated with a symbol access code, further comprising:

arranging the symbol access code in the corresponding symbol library.

42.   (previously presented) The method of claim 41, further comprising

referencing the symbol access code to calculate an address of a sought symbol

comprising

accessing the symbol offset address table to determine a corresponding code

section identifier and a corresponding offset value;

accessing the code section address table to determine a start address of the

corresponding code section identifier; and

calculating the address of the sought symbol by adding the offset value to the

start address.

43.   (previously presented) The method of claim 41 further comprising

associating a first symbol access code with a first symbol library of the at least one

symbol library, associating a second symbol access code with a second symbol library

of the at least one symbol library, associating a third symbol access code with a third

symbol library of the at least one symbol library.

44.   (previously presented) The method of claim 43, wherein the third symbol

access code is stored contiguously to the second symbol library.

45.   (currently amended) A wireless communication device comprising:

a nonvolatile memory module comprising:

    a file system section (FSS) for storing a received updated code section

        and a received updated patch manager code section;

    a code storage section for storing a plurality of at least one code sections,

        each code section of the at least one plurality of code sections

        comprising at least one symbol library comprising a plurality of

        symbols having a related functionality; and

    a patch manager code section configured to overwrite at least one of the

plurality of code sections comprising:

        a code section address table which stores a code section identifier

            and a start address for the each code section; and

        a symbol offset address table which stores an offset reference for

            each symbol of the plurality of symbols in the at least one

            symbol library stored in the each code section, the offset

            reference comprising an offset value derived from the start

            address of the each code section.

46.   (previously presented) The wireless communication device of claim 45,

wherein the updated patch manager code section is configured to enable a system software update to be implemented on the wireless communication device.

47.   (previously presented) The wireless communication device of claim 45, wherein the patch manager code section further comprises:

a read-write data section;

a symbol accessor code section;

a symbol accessor code address section; and

a patch library.

48.   (previously presented) The wireless communication device of claim 45, wherein the patch manager code section is loaded into a volatile memory upon a reset condition.

49.   (cancelled)

50.   (cancelled)

51.   (previously presented) The wireless communication device of claim 45 5̶0̶ wherein the received updated code section and the received updated patch manager code section define a system software update, and wherein each code section of the a̶t̶ l̶e̶a̶s̶t̶ t̶w̶o̶ received code sections stores at least part of the system software update.

52.   (previously presented) The wireless communication device of claim 51 wherein the patch manager code section is configured to control the system software update.

53.   (previously presented) The wireless communication device of claim 45, wherein the at least one symbol library comprises a first symbol library, a second symbol library, and a third symbol library wherein the second symbol library and the

third symbol library are arranged contiguously within a single code section.

54.   (new)   A   method   for   updating   system   software   in   a   wireless
communications device, the method comprising:

copying a patch manager code section stored in a nonvolatile memory to a
volatile memory;

receiving a broadcasted system software update comprising an update code
section and an update patch manager;

notifying a user via a user interface that the wireless communication device has
received the broadcasted system software update;

receiving an acknowledgement from the user via the user interface;

initiating an update operation in response to the acknowledgement, the update
operation further comprising:

suspending a communication task for the wireless communication device,

storing the system software update on a file system section of the
nonvolatile memory,

overwriting at least a portion of a code section of a plurality of code
sections stored in a code storage section of the nonvolatile memory with the
update code section, each code section of the plurality of code sections
comprising at least one symbol library, having a plurality of symbols of related
functionality,

overwriting at least a portion of a patch manager code section of the
nonvolatile memory with at least a portion of the update patch manager,

comprising, updating a code section address table of the patch manager code section which stores a code section identifier and a start address for each code section of the plurality of code sections, updating a symbol offset address table which stores an offset reference for each symbol of the plurality of symbols in the at least one symbol library of the each code section, the offset reference comprising an offset value derived from the start address of the each code section, and

resetting the wireless communication device.